

ABSTRACT OF THE DISCLOSURE

5 An energy distribution network for providing hydrogen fuel to a user
comprising; energy source means; hydrogen production means to receive the energy
from the energy resource means; hydrogen fuel user means to receive hydrogen from
the hydrogen production means; and data collection, storage, control and supply means
linked to the energy resource means, the hydrogen production means, and the hydrogen
10 fuel user means to determine, control and supply hydrogen from the hydrogen
production means. Preferably, the network comprises one or more water electrolyzers
and provides for the distribution of hydrogen, for use as a fuel for vehicles, fuel cells,
electrical and thermal generators, and the like.